

REMARKS

This is intended as a full and complete response to the Office Action dated July 24, 2008, having a shortened statutory period for response set to expire on October 24, 2008.

Claims 1 and 10 have been amended and new claims 20-28 have been added to more clearly recite various aspects of the invention. Applicants believe no new matter has been introduced by the amendments and the new claims presented herein. The amendments have been made in a good faith effort to advance prosecution on the merits.

Claims 2-9, 11 and 17-19 have been cancelled without prejudice. Applicants reserve the right to subsequently take up prosecution of the claims as originally filed in this application in a continuation, a continuation-in-part and/or a divisional application. Please reconsider the claims pending in the application for reasons discussed below.

Claims 5 and 19 are objected as being in improper form because they are multiple dependent claims. Claims 5 and 19 have been cancelled without prejudice, thereby rendering this objection moot.

Claims 1, 3, 5-10 and 12-19 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,894,948 ("Brittan") in view of U.S. Patent No. 6,876,599 ("Combee"). Independent claims 1 and 10 have been amended to now include various limitations that Applicants believe are not taught in either Brittan or Combee. For example, Applicants respectfully submit that neither Brittan nor Combee, alone or in combination, teaches applying a gain recover to the seismic data; applying a normal moveout correction to the seismic data; muting the seismic data; stacking the seismic data; and applying a time migration to the seismic data. Accordingly, claims 1 and 10 are patentable over Brittan and Combee. Claims 12-16 are also patentable over Brittan and Combee since they depend from claim 10. Claims 3, 5-9 and 17-19 have been cancelled without prejudice, thereby rendering the rejection moot with respect to these claims. Withdrawal of the rejection is respectfully requested.

With regard to new claims 20-28, Applicants submit that claims 20-28 recite subject matter that is neither disclosed, taught, nor otherwise suggested by the cited references, and as such, allowance of these claims is respectfully requested

In conclusion, the references cited by the Examiner, neither alone nor in combination, teach, show, or suggest the claimed invention. Having addressed all issues set out in the office action, Applicants respectfully submit that the claims are in condition for allowance and respectfully request that the claims be allowed.

The prior art made of record is noted. However, it is believed that the secondary references are no more pertinent to the Applicants' disclosure than the primary references cited in the office action. Therefore, it is believed that a detailed discussion of the secondary references is not deemed necessary for a full and complete response to this office action.

Respectfully submitted,

/Ari Pramudji/ October 23, 2008

Ari Pramudji
Registration No. 45,022
PRAMUDJI WENDT & TRAN, LLP
1800 Bering, Suite 540
Houston, Texas 77057
Telephone: (713) 468-4600
Facsimile: (713) 980-9882
Attorney for Assignee